

REMARKS/ARGUMENTS

1.) Claim Amendments

The Applicant has amended claims 14-16, 18, 22-26. Accordingly, claims 14-26 are pending in the application. Favorable reconsideration of the application is respectfully requested in view of the foregoing amendments and the following remarks.

2.) Examiner Objections - Specification

The Examiner objected to the abstract of the disclosure because it was not submitted on separate sheet in accordance with 37 CFR 1.52(b)(4). The Applicants have attached the abstract hereto on a separate sheet, although this application was a national stage application filed under 35 USC 371 which is not subject to the requirements of 37 CFR 1.52(b)(4).

3.) Examiner Objections - Claims

The Examiner objected to claims 24 and 25 due to informalities. The Applicants have amended claim 24 to correct the informalities. The Examiner's consideration of the amended claims is respectfully requested.

4.) Examiner Objections - Drawings

The Examiner objected to the drawings because the drawings must show every feature of the invention specified in the claims. The Applicants respectfully traverse the rejection. It is well known that a transistor can be made to act as an amplifier. It is well known that an amplifier not only can be used to increase a voltage signal, but also can be used to transform a voltage signal to a current signal. Further, it is well known that a transistor can act as a resistor, or an adjustable resistor, in which case it is acting as a control device (see page 7, lines 2-26 of the present application). Thus, in operation, a transistor can act both as an amplifier and as a control device. Several of the Figures in the present application reflect the use of a transistor as a control device and as an amplifier (see Figs. 2-6). For example, the transistor of Fig. 2 comprises the block R seen in Figure 1, which is acting as both an amplifier and as a control device.

5.) Claim Rejections – 35 U.S.C. § 112

The Examiner rejected claims 14-26 under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The Applicant has amended claims 14-16, 18, 22-26 to more distinctly claim the invention. Support for the amendments can be found throughout the Specification and Figures. Specifically, the amendment to claim 15 can be found on page 6, line 26 to page 7, line 1. The Examiner's consideration of the amended claims is respectfully requested.

6.) Prior Art Not Relied Upon

In the Conclusion paragraph of the Office Action, the Examiner stated that the prior art made of record and not relied upon is considered pertinent to the Applicant's disclosure. None of the references cited (Souetinov et al., US 6,597,899; Baril et al US 5,006,823) alone disclose, or in combination disclose or suggest, the present invention.

CONCLUSION

In view of the foregoing remarks, the Applicant believes all of the claims currently pending in the Application to be in a condition for allowance. The Applicant, therefore, respectfully requests that the Examiner withdraw all rejections and issue a Notice of Allowance for all pending claims.

The Applicant requests a telephonic interview if the Examiner has any questions or requires any additional information that would further or expedite the prosecution of the Application.

Respectfully submitted,



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